

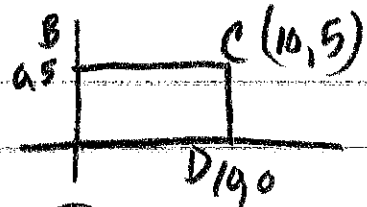
PSAT

1. $2\left(\frac{a}{k}\right) + 1 = 9$

$2\left(\frac{a}{k}\right) = 8$

$\frac{a}{k} = 4$ (A)

(2)



(E) (10, 5)

x from D y from B

3.

(E)

$\frac{3}{4}$ NOT Green

(4)

$49 = (74)^2$

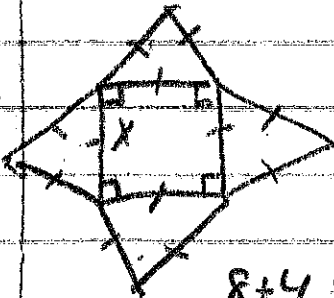
$49 = 494^2$

$1 = 1^2$

$\pm 1 = 1$

(C)

5.



$8 + 4 = 12$

(6)

(D)
 $f(b) = f(j)$

$f(b) = k$ ✓
 $f(j) = k$ ✓

(B) $12x$

(8)

$wx + yw - 2w$
 $w(x + y - 2)$

(C) $w(y - 2 + x)$

7.

(D)

$90 - 40$

50

9.

A

If $x = -2$

denom = 0

(10)

$r = 2g$

$.25r + .35g = 7.65$

$.5g + .35g$

$.85g = 7.65$

$g = 9$

$r = 18$

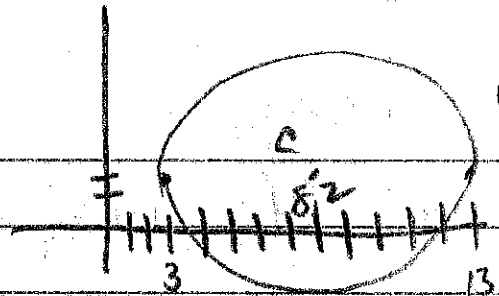
(A) 9 green

11. $10+18 = \frac{28}{2} = 14$

$z=14$ 4 is diff.
2, 6, 10, 14, 18

D 50

12



B

$\frac{313}{2} = 8$

14

$\frac{H}{3} = \frac{a}{b}$

A divisible by 17
 $68 \div 17 = 4$

13. D 201.

20%, 1,500,000 = 300,000

20%, 2,800,000 = 560,000

D 260,000

16

$-1 < x < 0$

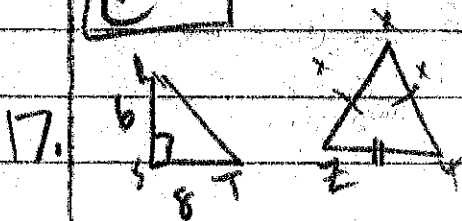
$\frac{1}{x^3}$

Try $x = -9$

15. A B C D E F

10 8 6 4 2

C 30



17.

$h=10$

$p=24$ $24 = 2x + y$

Test 10 ✓

B 11

11 ✓ 11 11 2

~~14~~ ~~5~~ ~~14~~

~~16~~ ~~4~~ ~~16~~

~~16~~

18

F all 3

19

$\frac{K}{2K-n}$ **C**

Mat. Fene

$K = K \cdot n$

20

$70\pi = 2\pi rh$

$35 = rh \rightarrow h = \frac{35}{r}$

$V = \pi r^2 h$

$V = 35r\pi$

A